

In the claims:

Claim 1 (currently amended): A method for continuously forming a molded parts part which is a flexible boot or tube for a vehicle or industrial equipment comprising providing an extruder; directing a hollow column of plastic material from said extruder; providing a plurality of die blocks defining mold halves including planar end segments having differing geometry and joined by intermediate convoluted segments; continuously moving such die blocks for receiving and forming the hollow column into a continuous shape having spaced end segments and intermediate convoluted segments and advancing the shaped column of plastic material from the continuously moving die blocks; providing a cutter; synchronizing the cutter action to the movement of the shaped column for separating the end segments to form one or more parts boots or tubes having planar end segments of differing geometry in each part boot or tube.

Claim 2 (canceled)

Claim 3 (original): The process of claim 1 wherein the mold halves are configured to have semicircular surfaces thereon to form end segments of differing geometry from end to end and from part to part.

Claim 4 (original): The process of claim 1 wherein each of said mold halves has a surface thereon between end segment surfaces thereon; said cutter synchronized with the continuous formation of a molded tubular member by the corrugator for removing said surface from the end segments.

Claim 5 (previously amended): The process of claim 1 wherein a continuous molded extrusion shape is passed from the moveable mold blocks having a repeating pattern A-B-C-A-B-C defined by the expression $(A-B-C)_n$.

Claim 6 (original): The process of claim 1 wherein the mold halves are configured with differing geometries and wherein the continuous molded extrusion has a repeating pattern A-B-C-C'-B-A-A-B-C-C'-B-A defined by the expression $(A-B-C-C'-B-A)_n$.

Claims 7-10 (canceled)

Claim 11 (previously amended): The process of claim 3 wherein a continuous molded extrusion shape is passed from the moveable mold blocks having a repeating pattern A-B-C-A-B-C defined by the expression $(A-B-C)_n$.

Claim 12 (original): The process of claim 3 wherein the mold halves are configured with differing geometries and wherein the continuous molded extrusion has a repeating pattern A-B-C-C'-B-A-A-B-C-C'-B-A defined by the expression (A-B-C-C'-B-A)_n.

Claim 13 (canceled)

Claim 14 (previously amended): The process of claim 4 wherein a continuous molded extrusion shape is passed from the moveable mold blocks having a repeating pattern A-B-C-A-B-C defined by the expression (A-B-C)_n.

Claim 15 (original): The process of claim 4 wherein the mold halves are configured with differing geometries and wherein the continuous molded extrusion has a repeating pattern A-B-C-C-B-A-A-B-C-C-B-A defined by the expression (A-B-C-C-B-A)_n.

Claim 16 (canceled)

Claim 17 (previously added): The process of claim 1 wherein extruded material for the process is a thermoplastic flexible synthetic polymer.

Claim 18 (previously added): The process of claim 1 wherein extruded material for the process is a synthetic polymer selected from the group consisting of thermoplastic vulcanizates (TPV's); thermoplastic polyolefins (TPO's); ionomer resins; flexible PVC resins; thermoplastic elastomers (TPE's); filled polypropylene; talc-filled polypropylene; polyethylene; high density polyethylene; polystyrene; PVC resins; ABS resins; Nylon resins; Metallocene polymers and flexible polyurethane polymers.

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Claim 19 (previously added): The process of claim 3 wherein extruded material for the process is a thermoplastic flexible synthetic polymer.

Claim 20 (previously added): The process of claim 3 wherein extruded material for the process is a synthetic polymer selected from the group consisting of thermoplastic vulcanizates (TPV's); thermoplastic polyolefins (TPO's); ionomer resins; flexible PVC resins; thermoplastic elastomers (TPE's); filled polypropylene; talc-filled polypropylene; polyethylene; high density polyethylene; polystyrene; PVC resins; ABS resins; Nylon resins; Metallocene polymers and flexible polyurethane polymers.

Claim 21 (previously added): The process of claim 4 wherein extruded material for the process is a thermoplastic flexible synthetic polymer.

Claim 22 (previously added): The process of claim 4 wherein extruded material for the process is a synthetic polymer selected from the group consisting of thermoplastic vulcanizates (TPV's); thermoplastic polyolefins (TPO's); ionomer resins; flexible PVC resins; thermoplastic elastomers (TPE's); filled polypropylene; talc-filled polypropylene; polyethylene; high density polyethylene; polystyrene; PVC resins; ABS resins; Nylon resins; Metallocene polymers and flexible polyurethane polymers

Claims 23-26 (canceled)